

**What is Claimed:**

*Sub a1* 1. A tracheal cannula for insertion into the trachea following a tracheotomy, having a shaft and a cuff for blocking the tracheal cross-sectional area surrounding the shaft, characterized such that in the section of the shaft lying above the cuff a window is constructed such that this is covered by an air-permeable membrane.

2. Tracheal cannula based on claim 1, characterized such that the membrane is not permeable to water.

3. Tracheal cannula based on claim 2, characterized such that the membrane consists essentially of polytetrafluoroethylene (PTFE).

4. Tracheal cannula based on claim 2, characterized such that the membrane comprises polytetrafluoroethylene (PTFE).

5. Tracheal cannula based on claim 3, characterized such that the membrane comprises a fabric made of PTFE lacing.

*Sub a2* 6. Tracheal cannula based on claim 4, characterized in that the membrane consists of a fabric made of PTFE lacing.

*Sub a3* 7. Tracheal cannula based on claim 1, characterized such that at the entrance of the cannula, a valve is provided which opens upon inhalation and closes upon exhalation.

8. Tracheal cannula based on claim 2, characterized such that at the entrance of the cannula, a valve is provided which opens upon inhalation and closes upon exhalation.

9. Tracheal cannula based on claim 3, characterized such that at the entrance of the cannula, a valve is provided which opens upon inhalation and closes upon exhalation.

Sub a3  
cont

- 10. Tracheal cannula based on claim 4, characterized such that at the entrance of the cannula, a valve is provided which opens upon inhalation and closes upon exhalation.
- 5 11. Tracheal cannula based on claim 5, characterized such that at the entrance of the cannula, a valve is provided which opens upon inhalation and closes upon exhalation.
- 10 12. Tracheal cannula based on claim 6, characterized such that at the entrance of the cannula, a valve is provided which opens upon inhalation and closes upon exhalation.
- 15 13. Tracheal cannula based on claim 1, characterized such that the cuff is connected via a line to balloon means for the inflation of the cuff and for controlling the cuff pressure.
- 20 14. Tracheal cannula based on claim 2, characterized such that the cuff is connected via a line to balloon means for the inflation of the cuff and for controlling the cuff pressure.
- 15. Tracheal cannula based on claim 3, characterized such that the cuff is connected via a line to balloon means for the inflation of the cuff and for controlling the cuff pressure.
- 25 16. Tracheal cannula based on claim 4, characterized such that the cuff is connected via a line to balloon means for the inflation of the cuff and for controlling the cuff pressure.
- 30 17. Tracheal cannula based on claim 5, characterized such that the cuff is connected via a line to balloon means for the inflation of the cuff and for controlling the cuff pressure.

Suba3  
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~~claim 7,  
means for~~

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